

# Iowa Crops & Weather



USDA – National Agricultural Statistical Service  
Iowa Field Office

210 Walnut, Room 833 • Des Moines, Iowa 50309-2195  
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • [nass-ia@nass.usda.gov](mailto:nass-ia@nass.usda.gov)  
To access NASS reports – <http://www.usda.gov/nass/>



Issued July 2, 2007

Vol 07-18

For the week ending July 1, 2007

## A CALL FOR RAIN

**Agricultural Summary:** Due to high soil moistures at the beginning of June, most crops were able to survive a dry month. But with little rain fall in recent weeks, crops are beginning to show stress from drought. Rains are needed to replenish soil moisture supplies. Weather conditions have been conducive to pesticide application. With most field work completed, grain movement has picked up as farmers clear out in preparation for this year's crop.

There were 6.2 days suitable for fieldwork, compared to 5.6 days last year at this time. Topsoil moisture rated 7 percent very short, 22 percent short, 67 percent adequate, and 4 percent surplus across the state. Subsoil moisture rated 3 percent very short, 13 percent short, 75 percent adequate, and 9 percent surplus.

**Field Crops Report:** Oats headed are at 96 percent, one percentage point ahead of last year but equal to the five-year average. Oats turning color are at 36 percent, one percentage point ahead of both last year's percent and the five-year average. The condition of the oat crop is zero percent very poor, 4 percent poor, 22 percent fair, 60 percent good, and 14 percent excellent. Five percent of the corn is tasseling. Average corn height is 51 inches, an increase of 15 inches from the previous week. Corn condition is rated at 1 percent very poor, 4 percent poor, 19 percent fair, 54 percent good, and 22 percent excellent. Soybeans blooming are at 27 percent, ahead of last year's 18 percent and the five-year average of 16 percent. Soybean condition is 1 percent very poor, 3 percent poor, 20 percent fair, 58 percent good, and 18 percent excellent. Ninety-five percent of the first cutting of alfalfa hay is complete. Ten percent of second crop has been harvested. Both crops are behind last year and the five year average. All hay condition is unchanged

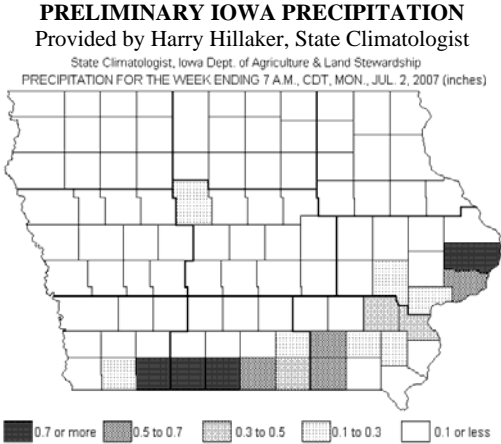
from last week at 2 percent very poor, 9 percent poor, 32 percent fair, 49 percent good, and 8 percent excellent.

**Livestock and Pasture Report:** Pasture condition rated 1 percent very poor, 6 percent poor, 31 percent fair, 53 percent good, and 9 percent excellent. High temperatures and humidity at beginning of week caused stress for livestock and resulted in some poultry deaths. Fly populations continue to thrive in current conditions.

## IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

It was a dry week across most of Iowa. The only rain of consequence fell on Wednesday (27<sup>th</sup>) and was primarily confined to far southern and extreme eastern Iowa. No rain fell over most of western, northern and central Iowa while the most rain was reported at De Witt with 2.43 inches and Blockton with 2.28 inches. The statewide average precipitation was 0.10 inches while normal for the week is 1.20 inches. Warm and humid weather prevailed on Monday (25<sup>th</sup>) and Tuesday (26<sup>th</sup>) with temperatures reaching 93 degrees at Sioux City on Monday and again at Sioux Center and Swea City on Tuesday. High temperatures were in the 80's statewide on Wednesday (27<sup>th</sup>) with much cooler and drier air in place for the remainder of the week. Highs were mostly in the 70's on Thursday (28<sup>th</sup>) and Friday (29<sup>th</sup>) with a slight warming trend through the weekend with upper 70's to mid 80's by Sunday (1<sup>st</sup>). Estherville reported a Friday (29<sup>th</sup>) morning low of 48 degrees as did Cresco on Saturday (30<sup>th</sup>) morning. Temperatures for the week as a whole averaged 1.3 degrees below normal.

Statewide Crop Conditions as of July 1, 2007					
Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	1	4	19	54	22
Hay, all	2	9	32	49	8
Oats	0	4	22	60	14
Range & Pasture	1	6	31	53	9
Soybeans	1	3	20	58	18



## Field Work and Crop Progress as of July 1, 2007

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, average tallest height	69	66	64	64	68	73	75	67	75	68	52	59	56
Corn, average height	56	51	49	49	49	56	52	44	54	51	36	46	43
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn stand (normal = 100%)	97	98	97	90	88	95	90	91	93	94	94	NA	NA
Corn tasseled	5	8	5	5	4	6	6	2	7	5	0	1	1
Soybeans blooming	36	53	50	19	14	8	27	8	13	27	7	18	16
Oats turning color	61	28	21	18	28	51	70	31	51	36	11	35	35
Hay, alfalfa - second crop harvested	25	17	11	6	10	5	9	4	15	10	0	28	18

## Days Suitable & Soil Moisture Condition as of July 1, 2007

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	<i>Days</i> 6.7	<i>Days</i> 6.6	<i>Days</i> 6.1	<i>Days</i> 6.7	<i>Days</i> 6.4	<i>Days</i> 5.0	<i>Days</i> 6.6	<i>Days</i> 5.7	<i>Days</i> 5.0	<i>Days</i> 6.2	<i>Days</i> 4.8	<i>Days</i> 5.6
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil moisture												
Very short	18	4	1	18	1	0	14	2	0	7	3	18
Short	44	23	21	44	13	2	23	17	4	22	12	31
Adequate	38	70	74	38	77	91	61	78	84	67	73	50
Surplus	0	3	4	0	9	7	2	3	12	4	12	1
Subsoil moisture												
Very short	6	3	0	7	1	0	10	0	0	3	1	17
Short	31	11	17	27	5	1	6	7	6	13	7	31
Adequate	62	78	80	65	77	79	72	91	85	75	79	50
Surplus	1	8	3	1	17	20	12	2	9	9	13	2

Prepared by AWIS, Inc. For the week ending: Sunday, July 1, 2007										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	90	48	69	-2	0.00	-0.91	7.25	-3.07	134	-9
Sioux Center	93	51	72	-1	0.00	-1.00	8.37	-2.09	157	-2
Spencer	92	50	71	-2	0.00	-0.91	6.38	-3.90	148	-3
Spirit Lake	92	49	70	-1	0.00	-0.98	9.26	-0.75	144	-23
North Central District										
Britt	90	54	69	-4	0.10	-0.96	12.28	1.09	135	-21
Humboldt	87	56	69	-4	0.00	-1.06	11.84	0.33	137	-18
Mason City	91	51	69	-2	0.00	-1.05	12.82	1.10	137	-10
Osage	89	53	69	-3	0.00	-1.00	11.02	-0.66	136	-28
North East District										
Decorah	89	50	70	-2	0.00	-0.98	12.79	1.14	143	-6
Dubuque	89	51	70	-2	0.00	-0.91	9.17	-3.07	141	-2
Elkader	89	48	69	-3	0.00	-0.91	14.07	2.91	135	-35
Fayette	89	52	70	-2	0.00	-1.02	13.81	1.96	139	-7
Waterloo	89	51	71	-2	0.00	-1.12	14.33	2.32	146	-5
West Central District										
Carroll	90	55	71	-2	0.00	-1.12	14.81	2.11	147	-10
Castana	89	55	71	-3	0.05	-0.89	14.45	2.94	147	-5
Guthrie Center	90	51	70	-4	0.00	-1.02	23.92	11.46	140	-18
Harlan	89	55	71	-3	0.00	-0.98	15.02	3.02	151	-6
Jefferson	89	56	71	-3	0.10	-1.02	16.22	3.52	146	-11
Logan	91	56	73	-2	0.00	-0.95	15.94	4.06	160	-10
Rockwell City	90	55	70	-5	0.09	-0.96	14.78	3.27	140	-24
Sac City	91	55	71	-2	0.08	-0.92	13.31	1.53	146	-9
Sioux City	93	53	73	-2	0.00	-0.84	14.68	4.84	162	-4
Central District										
Boone	89	54	69	-4	0.00	-1.12	15.81	2.64	137	-18
Des Moines	89	59	73	-3	0.00	-1.00	14.00	2.39	160	-13
Grundy Center	88	54	70	-1	0.00	-1.05	16.58	4.59	140	-5
Marshalltown	88	55	70	-3	0.00	-1.09	12.40	0.28	141	-13
Newton	91	56	70	-4	0.00	-1.00	11.43	-0.70	142	-21
Perry	89	55	70	-3	0.00	-1.03	17.96	5.67	143	-13
Toledo	89	54	69	-3	0.00	-1.05	12.40	0.05	135	-16
East Central District										
Cedar Rapids	87	54	70	-4	0.00	-1.05	13.36	1.76	142	-17
Davenport	89	53	71	-3	0.78	-0.20	11.39	-0.02	149	-18
Iowa City	89	57	72	-3	0.00	-1.12	11.80	-0.63	156	-17
Lowden	90	49	70	-4	0.02	-1.08	11.29	-1.55	137	-20
Maquoketa	88	51	69	-4	0.00	-1.01	12.94	1.18	135	-17
Muscatine	89	54	71	-4	0.60	-0.45	14.73	2.80	148	2
South West District										
Atlantic	90	56	72	0	0.00	-0.93	17.51	6.34	159	0
Clarinda	90	57	71	-4	0.35	-0.77	17.05	4.26	147	-23
Glenwood	91	56	72	-3	0.10	-0.91	17.35	4.85	155	-15
Red Oak	90	56	73	-3	0.00	-1.16	17.66	4.40	161	-16
Sidney	89	58	71	-5	0.28	-0.74	15.07	3.31	152	-25
South Central District										
Allerton	86	56	70	-4	1.20	0.15	18.41	6.48	139	3
Beaconsfield	86	55	70	-4	1.04	-0.01	18.25	6.48	138	-22
Chariton	88	50	69	-5	0.08	-1.04	16.72	4.17	134	-25
Indianola	87	55	71	-3	0.00	-1.03	12.92	0.48	149	-12
Leon	87	55	70	-4	1.65	0.69	16.44	3.97	142	-20
South East District										
Bloomfield	89	56	71	-4	0.70	-0.28	13.98	1.98	149	-21
Burlington	91	56	74	0	0.00	-0.98	11.38	-0.10	170	0
Ottumwa	89	57	71	-5	1.34	0.39	15.83	4.64	150	-23
Washington	90	51	71	-5	0.89	-0.09	17.53	6.25	147	-9

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2007: AWIS, Inc. All Rights Reserved.

PRESRT STD  
POSTAGE & FEES PAID  
USDA  
PERMIT NO. G-38

IOWA CROPS & WEATHER IS PUBLISHED BY USDA NATIONAL  
AGRICULTURAL STATISTICS SERVICE, IOWA FIELD OFFICE, 210 WALNUT  
ST. RM 833, DES MOINES IA 50309. POSTMASTER, SEND ADDRESS CHANGES  
TO IA CROPS & WEATHER, C/O SD AGRICULTURAL STATISTICS, PO BOX  
5068 SIOUX FALLS SD 57117